



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, June 16, 2017

Issued: 0800 CT

Day 1 Hazards: Marginal risk for severe storms over NW OK, SE AR and E LA. Damaging winds/hail the main threats

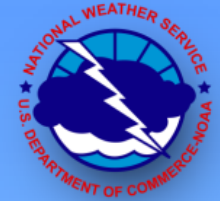
National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



Today

- Marginal risk of severe storms over NW OK, SE AR, E LA. Damaging winds/hail the main threats

Saturday

- Marginal risk of severe storms over far N OK on Saturday

Sunday-Tuesday

- Marginal risk for severe storms over much of OK, AR and N TX on Sunday.

River Flooding

- Water levels slowly receding along the MS River and over southeast LA as well as E AR

Tropical Weather Outlook

- A broad area of low pressure is expected to form over the NW Caribbean Sea and the Yucatan Peninsula over the next day or two. Conditions appear to be favorable for gradual development while it moves slowly NW towards the S Gulf of Mexico by early next week.
Formation chance through 48 hours is 0%.
Formation chance through 5 days is 60%
- An area of disturbed weather associated with a tropical wave is located S/SW of the Cabo Verde Islands. Gradual development of this system is possible during the next few days while the wave moves westward at 15 to 20 mph over the low-latitude tropical Atlantic.
Formation chance through 48 hours is 20%.
Formation chance through 5 days is 40%

*FEMA Region 6 Threat Matrix

Jun 16, 2017 - Jun 20, 2017

	FRI	SAT	SUN	MON	TUE
Severe Weather	NW OK , SE AR, E LA	Far N OK	OK, AR, N TX		
Heavy Rain / Flash Flooding					
Fire Weather					
River Flooding	SE LA, E AR	SE LA, E AR	SE LA		
Tropical Weather					

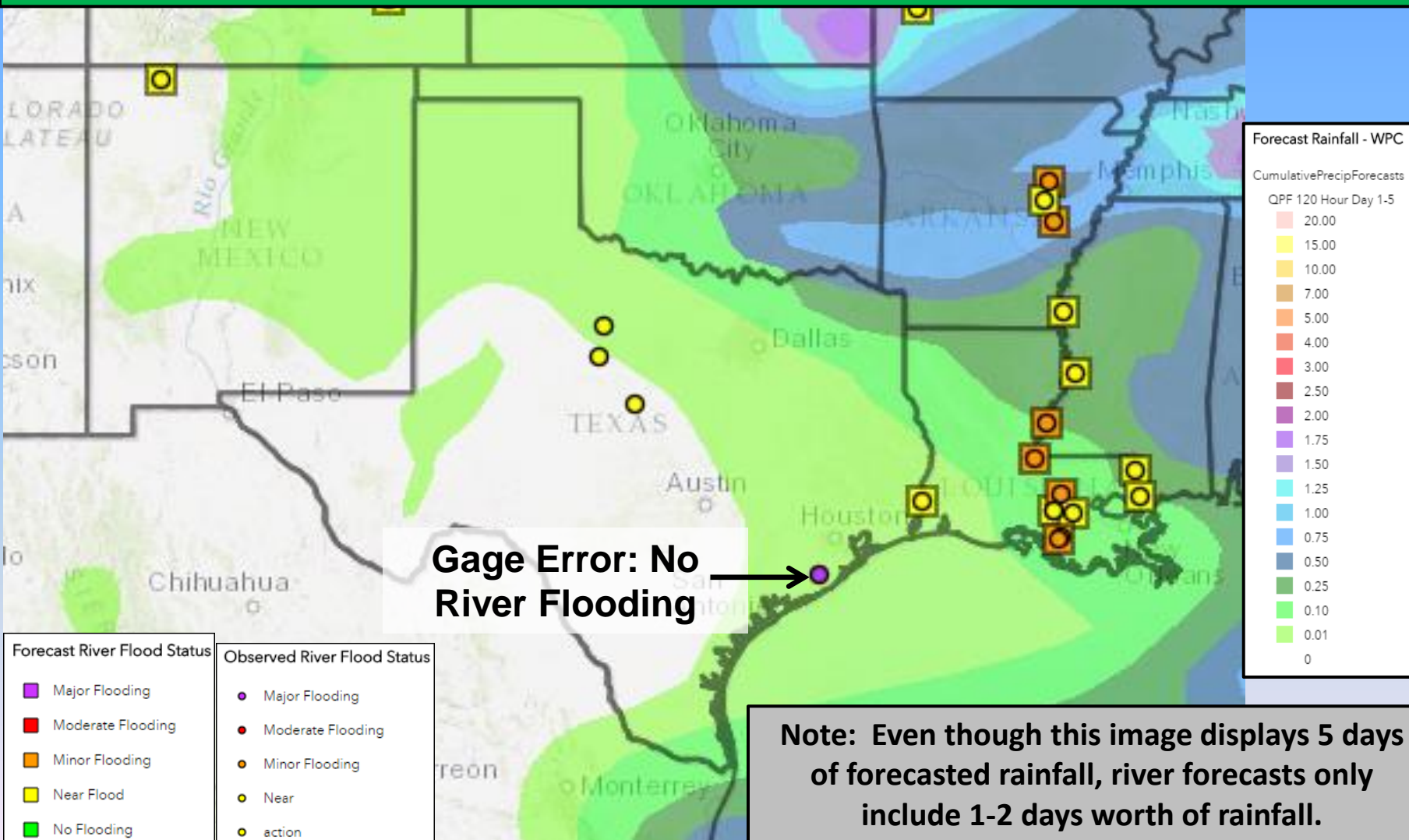
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



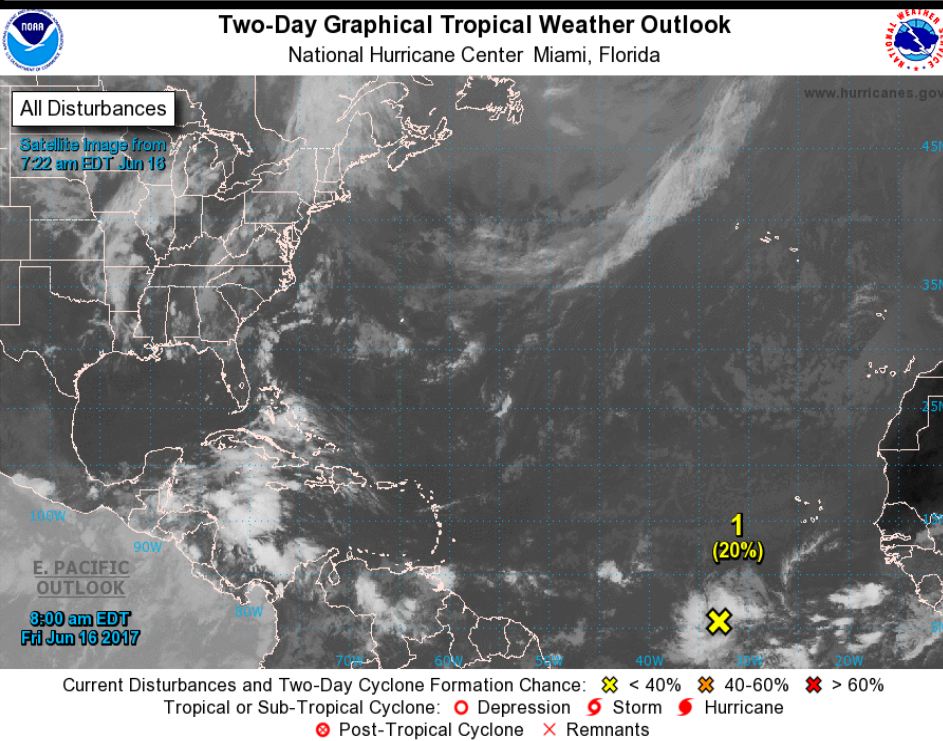
5-Day Precipitation Forecast & River Flood Status

- The Mississippi River and areas in southeast LA continues to slowly recede
- Minor flooding observed in eastern AR will continue to slowly recede



For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook

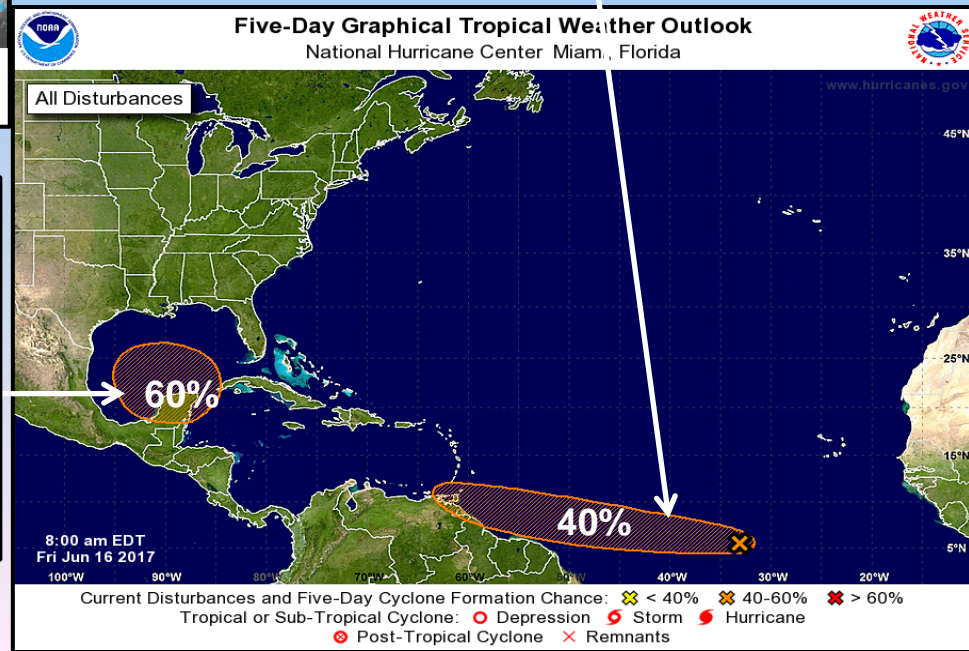


An area of low pressure is expected to form over the NW Caribbean Sea and the adjacent Yucatan Peninsula by the weekend. Conditions appear to be favorable for some development of this system while it moves slowly NW towards the southern Gulf of Mexico by early next week.

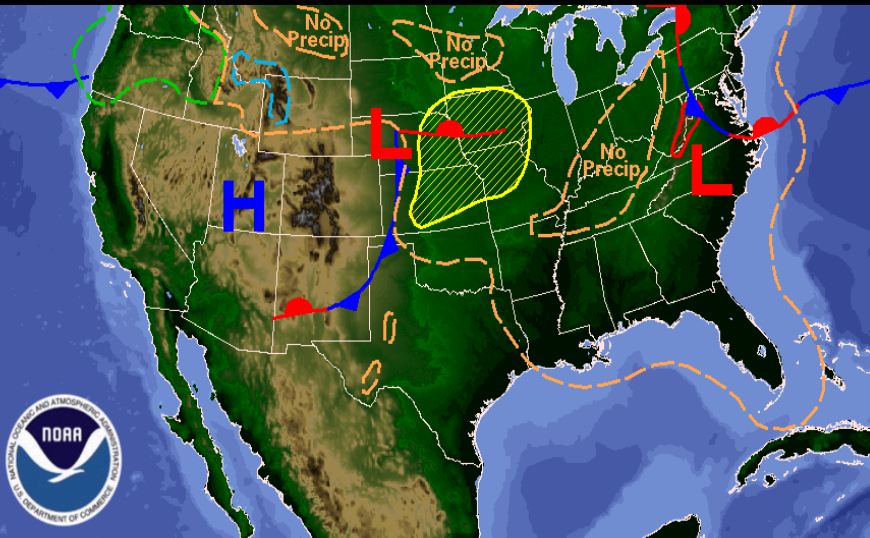
Formation change through 48 hours is 0%
Formation chance through 5 days is 60%

An area of disturbed weather associated with a tropical wave is located well south-southwest of the Cabo Verde Islands. Some gradual development of this system is possible during the next few days while the wave moves westward at 20 mph over the low-latitude tropical Atlantic.

Formation change through 48 hours is 20%
Formation chance through 5 days is 40%



Today's Weather

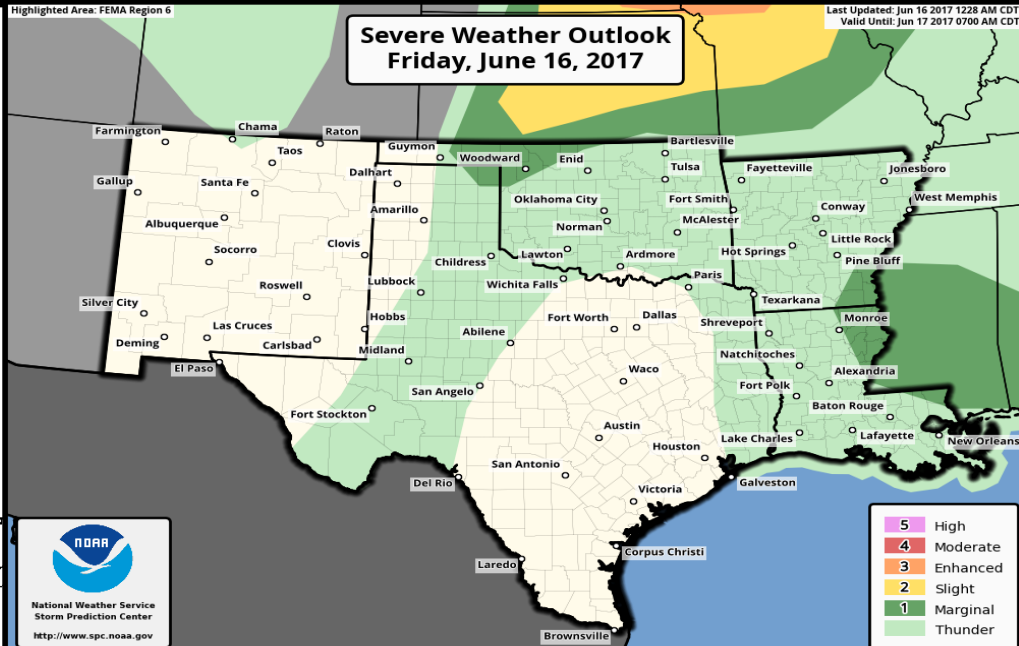
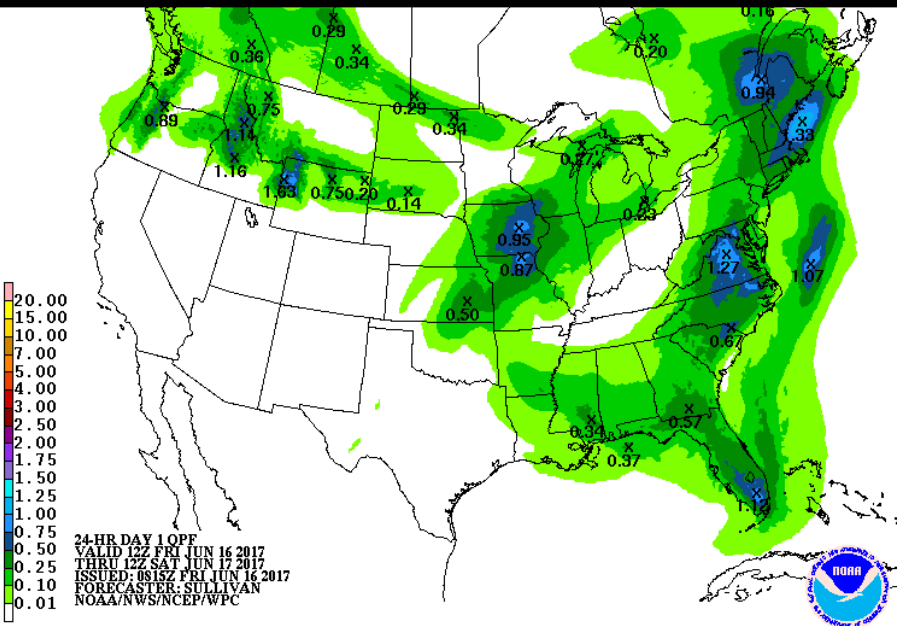


Marginal Risk of severe weather across NW OK, SE AR and E LA. Damaging winds/hail the main threats

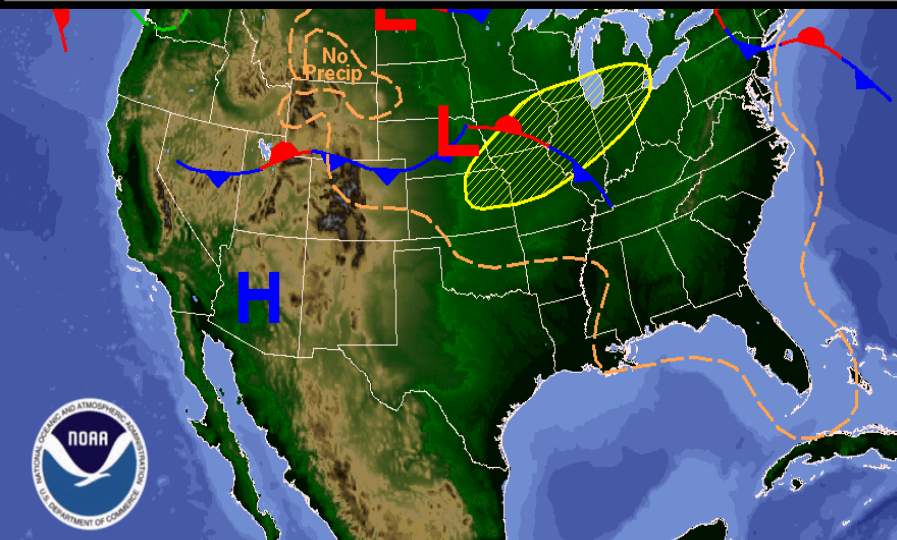
Day 1 National Forecast Chart

Valid Fri, Jun 16, 2017, issued 7:18 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



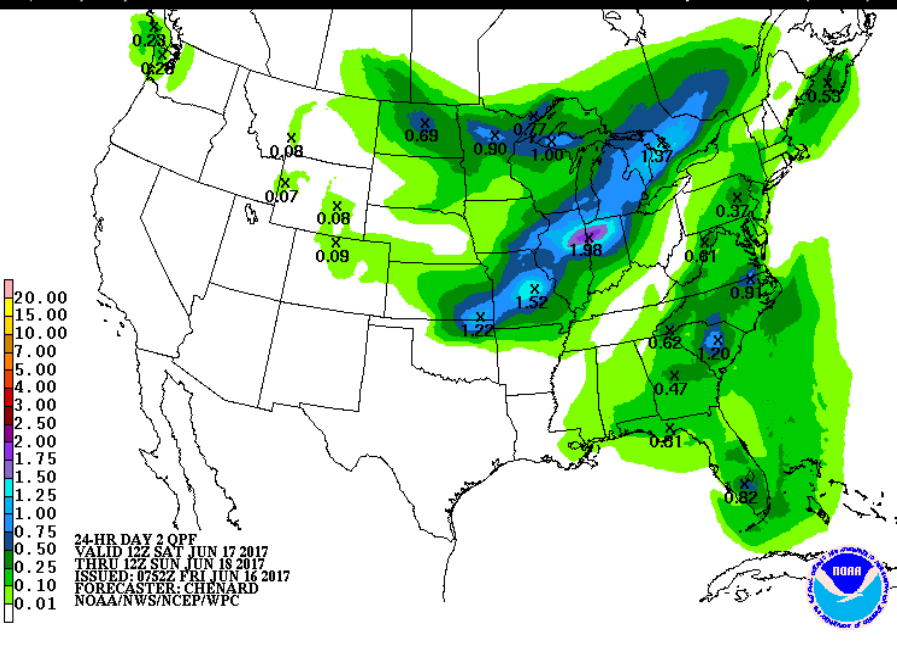
Tomorrow's Weather



Day 2 National Forecast Chart

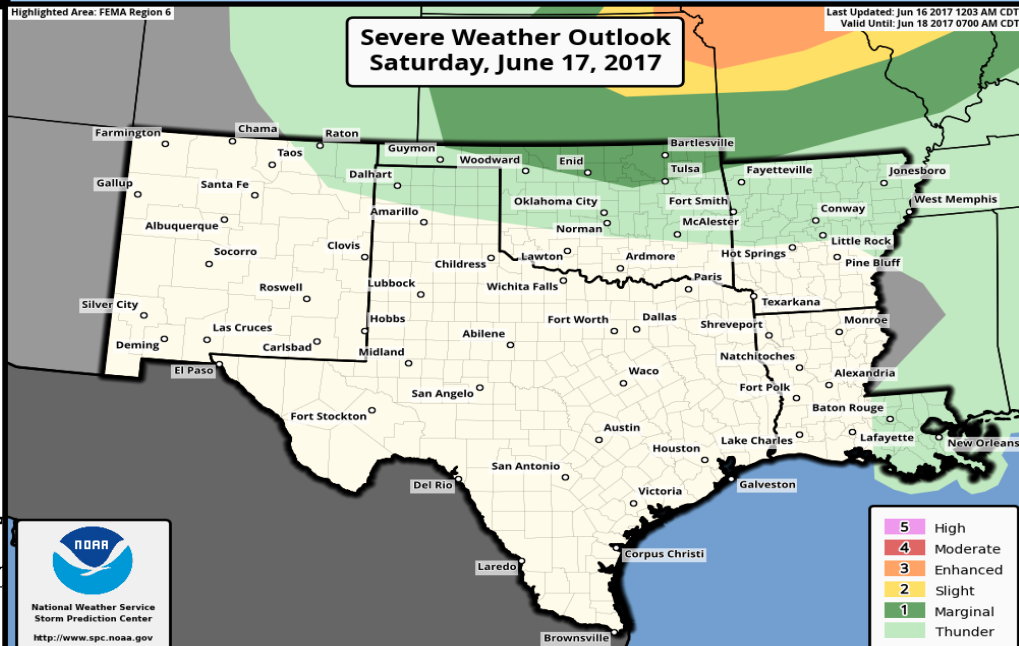
Valid Sat, Jun 17, 2017, issued 4:33 AM EDT Fri, Jun 16, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 2 QPF
 VALID 12Z SAT JUN 17 2017
 THRU 12Z SUN JUN 18 2017
 ISSUED: 0732Z FRI JUN 16 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC

Marginal risk of severe storms over far northern OK



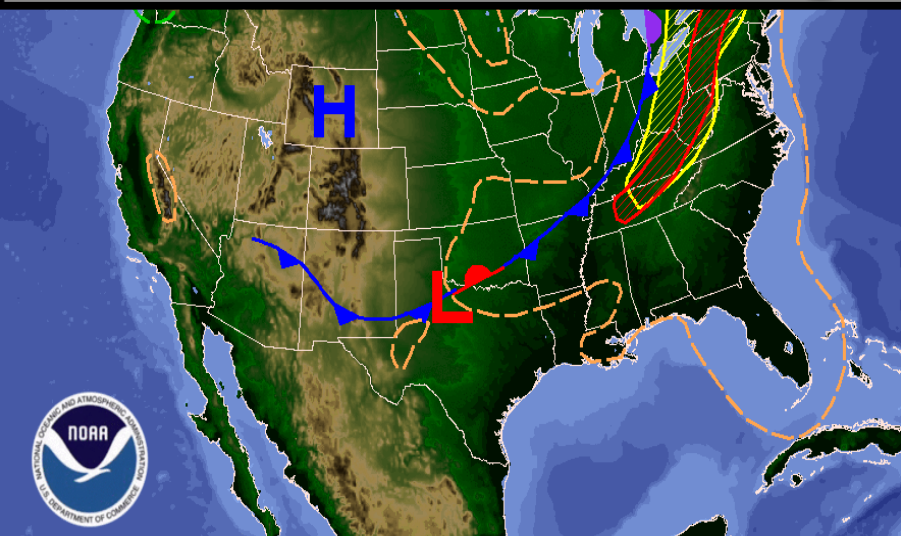
**Severe Weather Outlook
 Saturday, June 17, 2017**

Last Updated: Jun 16 2017 1203 AM CDT
 Valid Until: Jun 18 2017 0700 AM CDT

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

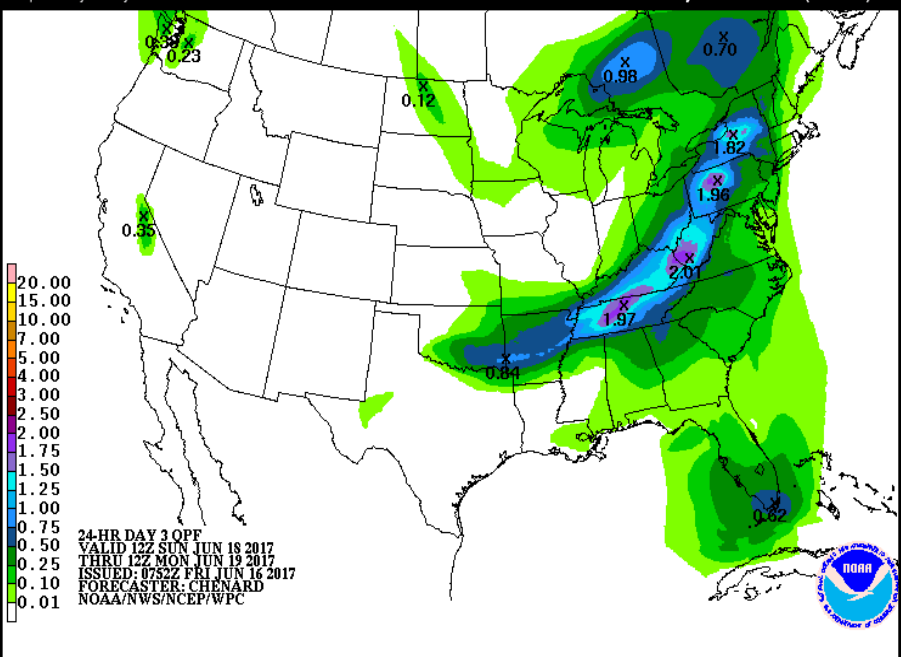
Sunday's Weather



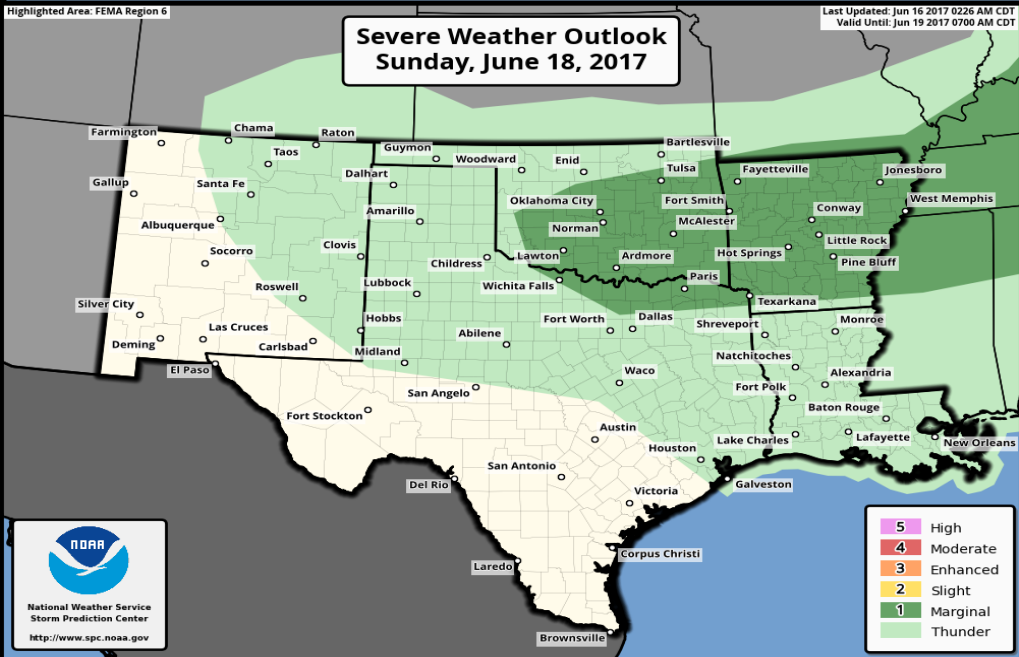
Day 3 National Forecast Chart

Valid Sun, Jun 18, 2017, issued 4:35 AM EDT Fri, Jun 16, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Marginal risk of severe storms over OK, AR and N TX

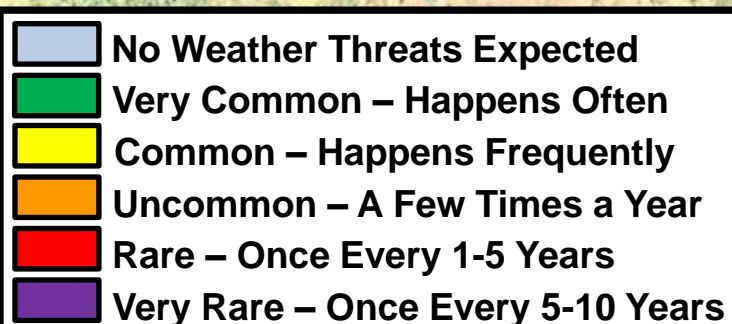


Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed



No significant impacts

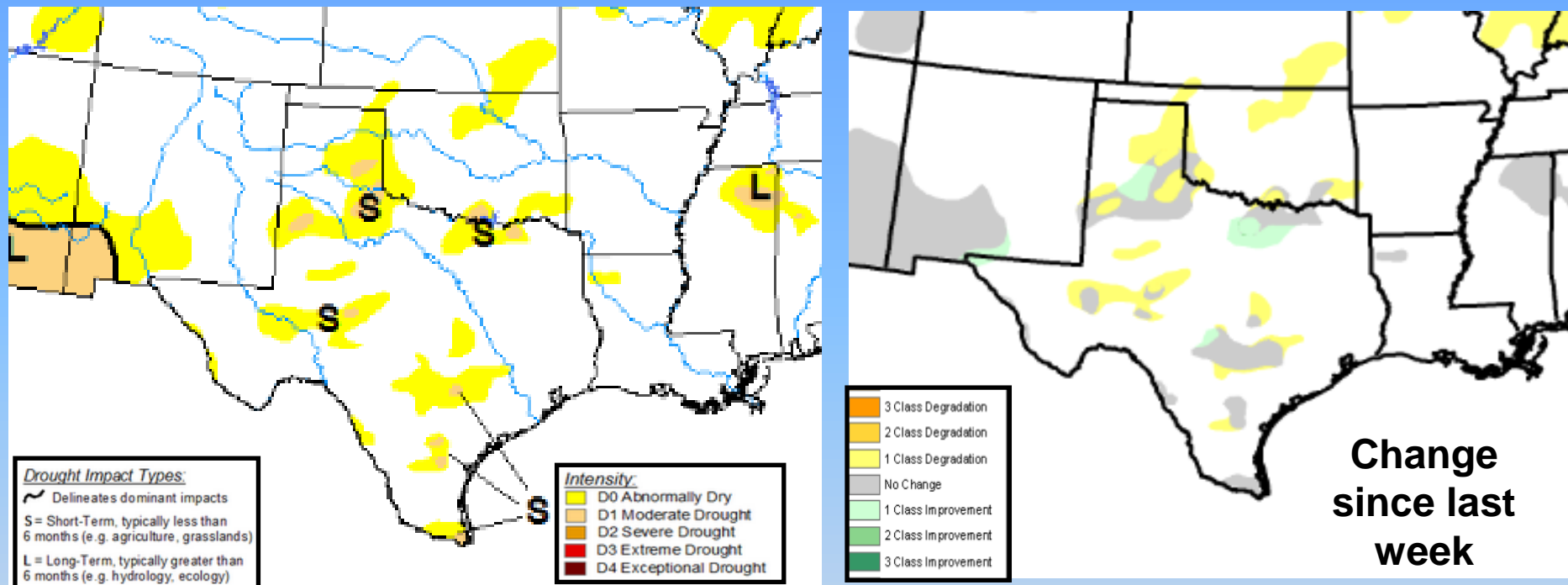


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released June 15th, 2017

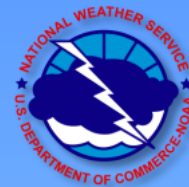
Data valid as of 7am CST, Tuesday, June 13, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	3.17%	0.00%
Arkansas	0.00%	0.00%	2.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

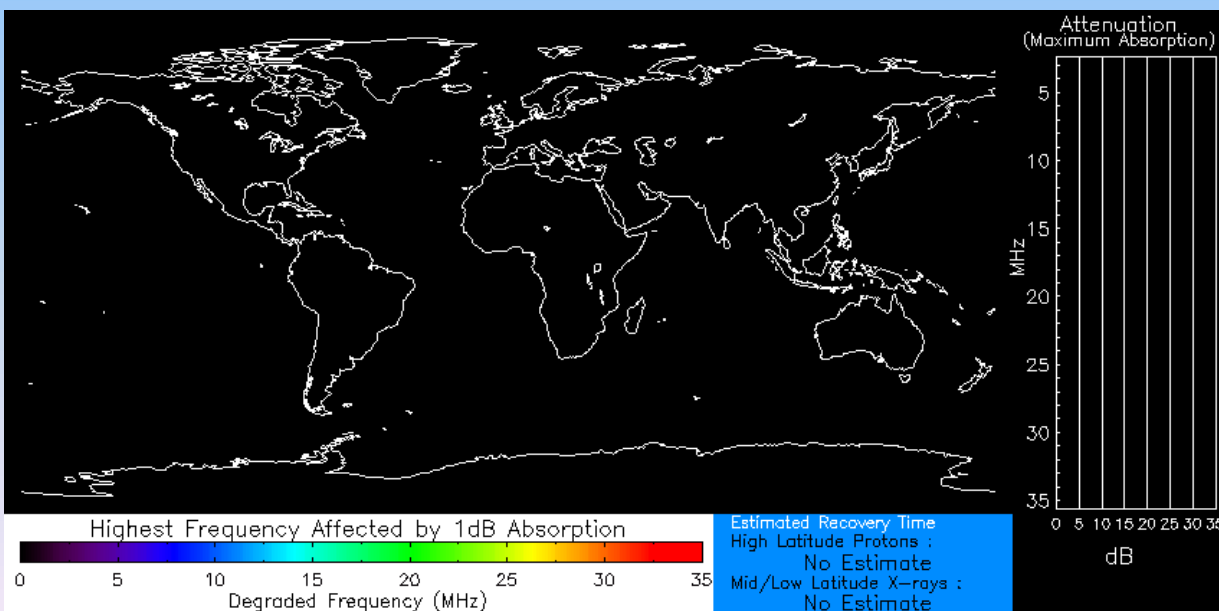
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Minor Storm (G1) (Max Kp = 5)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-06-16 12:02 UTC

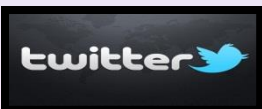
Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)
 <https://www.facebook.com/NWSSouthern>



@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms